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1 Introduction to Hardware Abstraction Layers for SoC
Sungjoo Yoo, Ahmed A. Jerraya
March 2003 **DATE '03: Proceedings of the conference on Design, Automation and T
   - Volume 1** , Volume 1
Publisher: IEEE Computer Society
Full text available: ⬛ Publisher Site , ⬛ Pdf (87.02 KB) Additional Information: full citation, abstract, referen
terms

Bibliometrics: Downloads (6 Weeks): 9,   Downloads (12 Months): 38,   Citation Count: 5

In this paper, hardware abstraction layer is explained in the context of SoC design. Fir:
definition is given and the difference between HAL an other similar concepts are given.
are examine. The role of HAL is explained for SoC design. ...

2 Topic maps for context management
Ruaidhri Power
September 2003 **ISICT '03:** Proceedings of the 1st international symposium on Informatio
communication technologies
Publisher: Trinity College Dublin
Full text available: ⬛ Pdf (98.48 KB)   Additional Information: full citation, references, cited by

Bibliometrics: Downloads (6 Weeks): 6,   Downloads (12 Months): 23,   Citation Count: 1

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3 Review of "The significance of word lists" by Brett Kessler. CSLI Publications 2001
Grzegorz Kondrak
December 2001 **Computational Linguistics** , Volume 27 Issue 4
Publisher: MIT Press
Full text available: ⬛ Publisher Site , ⬛ Pdf (155.99 KB) Additional Information: full citation, references

Bibliometrics: Downloads (6 Weeks): 2,   Downloads (12 Months): 20,   Citation Count: 0

4 System support for providing integrated services from networked multimedia stora
⬥ Ravi Wijayaratne, A. L. Narasimha Reddy
October 2001 **MULTIMEDIA '01:** Proceedings of the ninth ACM international conference o
Publisher: ACM ⬥ Request Permissions
Full text available: ⬛ Pdf (227.49 KB)   Additional Information: full citation, abstract, references, cited b

Bibliometrics: Downloads (6 Weeks): 1,   Downloads (12 Months): 22,   Citation Count: 4

In this paper, we describe our experience in building an integrated multimedia storage
Our current Linux-based implementation of Prism provides three levels of service: dea
for *periodic* applications, best-effort ...

Keywords: admission control, disk, file systems, multimedia, scheduling

5 Bridging the gap between dialogue management and dialogue models

Weiqun Xu, Bo Xu, Taiyi Huang, Hairong Xia

July 2002   **Proceedings of the 3rd SIGdial workshop on Discourse and dialogue -** Volume 2

Publisher: Association for Computational Linguistics

Full text available: Pdf (97.69 KB)   Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 7,   Downloads (12 Months): 31,   Citation Count: 1

Why do few working spoken dialogue systems make use of dialogue models in their dia management? We find out the causes and propose a generic dialogue model. It promis gap between practical dialogue management and (pattern-based) ...

6 NuggetMine: intelligent groupware for opportunistically sharing information nugget

Jeremy Goecks, Dan Cosley

January 2002 **IUI '02:** Proceedings of the 7th international conference on Intelligent user

Publisher: ACM Request Permissions

Full text available: Pdf (218.86 KB)   Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 3,   Downloads (12 Months): 30,   Citation Count: 6

NuggetMine is an intelligent groupware application that collaborates with a workgroup information nugget sharing among the group. Information nuggets are small amounts contained information, such as the URL of an interesting news ...

Keywords: associative networks, human-computer collaboration, informal communica information nuggets, information sharing, intelligent groupware, lightweight interfaces

7 First experiences using XACML for access control in distributed systems

Markus Lorch, Seth Proctor, Rebekah Lepro, Dennis Kafura, Sumit Shah

October 2003 **XMLSEC '03:** Proceedings of the 2003 ACM workshop on XML security

Publisher: ACM Request Permissions

Full text available: Pdf (459.30 KB)   Additional Information: full citation, abstract, references, cited by review

Bibliometrics: Downloads (6 Weeks): 25,   Downloads (12 Months): 191,   Citation Count: 17

Authorization systems today are increasingly complex. They span domains of administ many different authentication sources, and manage permissions that can be as comple itself. Worse still, while there are many standards ...

Keywords: access control decision, access control enforcement, authorization, distribu security, policy language, policy management

8 Processing power on the IBM personal computer

John K. Gotwals

December 1983 **SIGSMALL '83:** Proceedings of the 1983 ACM SIGSMALL symposium on F small computers

Publisher: ACM ✎ Request Permissions

Full text available: 🖼 Pdf (455.96 KB)   Additional Information: full citation, abstract, references, index te

Bibliometrics: Downloads (6 Weeks): 6,   Downloads (12 Months): 20,   Citation Count: 0

In the last 20 years there has been nearly a six-order-of-magnitude increase in compu
it is predicted that another five-to-six-orders-of-magnitude increase will occur by the y
Although supercomputers such as the Cray-1 and …

9 TeleNotes: managing lightweight interactions in the desktop
Steve Whittaker, Jerry Swanson, Jakov Kucan, Candy Sidner
June 1997   **Transactions on Computer-Human Interaction (TOCHI)** , Volume 4 Issue 2
Publisher: ACM ✎ Request Permissions

Full text available: 🖼 Pdf (1.01 MB)   Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 13,   Downloads (12 Months): 64,   Citation Count: 18

Communication theories and technology have tended to focus on extended, formal me
neglected a prevalent and vital form of workplace communication—namely, lightweight
communication. Unlike formal, extended meetings, lightweight interaction …

Keywords: audio, awareness, computer-media spaces, conversation management, im
communication, informal communication, interpersonal communications, lightweight in
mediated communication, remote collaboration, task management, video

10 SALT: an XML application for web-based multimodal dialog management
Kuansan Wang
September 2002 **NLPXML '02: Proceedings of the 2nd workshop on NLP and XML - **
              Volume 17
Publisher: Association for Computational Linguistics

Full text available: 🖼 Pdf (186.90 KB)   Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 3,   Downloads (12 Months): 40,   Citation Count: 0

This paper describes the Speech Application Language Tags, or SALT, an XML based sp
standard for multimodal or speech-only applications. A key premise in SALT design is t
enabled user interface shares a lot of the design principles …

11 Advanced data processing in KRISYS: modeling concepts, implementation technic
client/server issues
Stefan Deßloch, Theo Härder, Nelson Mattos, Bernhard Mitschang, Joachim Thomas
May 1998   **The VLDB Journal — The International Journal on Very Large Data Bas**
              Issue 2
Publisher: Springer-Verlag New York, Inc.

Full text available: 🖼 Pdf (210.27 KB)   Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 6,   Downloads (12 Months): 34,   Citation Count: 3

The increasing power of modern computers is steadily opening up new application dom
advanced data processing such as engineering and knowledge-based applications. To r
requirements, concepts for advanced data management have been investigated …

Keywords: Client/server architectures, Consistency control, Object-oriented modeling Query processing, Run-time optimization

12 Foundational proof checkers with small witnesses

Dinghao Wu, Andrew W. Appel, Aaron Stump

August 2003 **PPDP '03:** Proceedings of the 5th ACM SIGPLAN international conference on practice of declaritive programming

Publisher: ACM Request Permissions

Full text available: Pdf (251.79 KB)   Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 20,   Citation Count: 10

Proof checkers for proof-carrying code (and similar systems) can suffer from two probl proof witnesses and untrustworthy proof rules. No previous design has addressed both problems simultaneously. We show the theory, design, and implementation ...

Keywords: proof checker, proof-carrying code

13 A survey of research on context-aware homes

Sven Meyer, Andry Rakotonirainy

January 2003 **ACSW Frontiers '03: Proceedings of the Australasian information sec workshop conference on ACSW frontiers 2003 - Volume 21** , Volume 21

Publisher: Australian Computer Society, Inc.

Full text available: Pdf (219.36 KB)   Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 35, Downloads (12 Months): 415,   Citation Count: 11

The seamless integration of people, devices and computation will soon become part of Sensors, actuators, wireless networks and ubiquitous devices powered by intelligent cc blend into future environments in which people will ...

Keywords: environments, pervasive, privacy, smart context-aware homes, smart sen computing, user-experience

14 Increasing the opportunities for aging in place

Elizabeth D. Mynatt, Irfan Essa, Wendy Rogers

November 2000 **CUU '00:** Proceedings on the 2000 conference on Universal Usability

Publisher: ACM

Full text available: Pdf (1.10 MB)   Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 26, Downloads (12 Months): 188,   Citation Count: 30

A growing social problem in the U.S. and elsewhere is supporting older adults who war living independently as opposed to moving to an institutional care setting. The "Aging i strives to delay taking that first ...

Keywords: aging, awareness, cognitive aging, computational perception, home, ubiqu computing

15 The Desert environment

Steven P. Reiss

October 1999 **Transactions on Software Engineering and Methodology (TOSEM)** , Vo

Publisher: ACM ◈ Request Permissions

Full text available: ▤ Pdf (868.64 KB)   Additional Information: full citation, abstract, references, cited by
                                                                        review

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 60,   Citation Count: 8

The Desert software engineering environment is a suite of tools developed to enhance
productivity through increased tool integration. It introduces an inexpensive form of da
to provide additional tool capabilities and information ...

Keywords: integrated programming environments, program editors

16 ACM SIGMIS Database: Volume 34 Issue 1
January 2003 SIGMIS Database
Publisher: ACM
Full text available: ▤ Pdf (690.15 KB)   Additional Information: full citation

Bibliometrics: Downloads (6 Weeks): 31, Downloads (12 Months): 161,   Citation Count: 0

17 Context management with topics for spoken dialogue systems
Kristiina Jokinen, Hideki Tanaka, Akio Yokoo
August 1998 **Proceedings of the 17th international conference on Computational li**
                Volume 1 , Volume 1
Publisher: Association for Computational Linguistics
Full text available: ▤ Publisher Site , ▤ Pdf (682.95 KB) Additional Information: full citation, abstract, refere

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 14,   Citation Count: 1

In this paper we discuss the use of discourse context in spoken dialogue systems and a
knowledge of the domain, modelled with the help of dialogue topics is important in ma
robustness of the system and improving recognition accuracy ...

Also published in:
August   **ACL-36: Proceedings of the 36th Annual Meeting of the Association for Computa**
1998   **Linguistics and 17th International Conference on Computational Linguistics - Vo**

18 Invariance in motion analysis of videos
Cen Rao, Mubarak Shah, Tanveer Syeda-Mahmood
November 2003 **MULTIMEDIA '03:** Proceedings of the eleventh ACM international confere
                  Multimedia
Publisher: ACM ◈ Request Permissions
Full text available: ▤ Pdf (539.14 KB)   Additional Information: full citation, abstract, references, index te

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 43,   Citation Count: 0

In this paper, we propose an approach that retrieves motion of objects from the videos
dynamic time warping of view invariant characteristics. The motion is represented as a
dynamic instants and intervals, which are automatically ...

Keywords: human actions, learning, spatiotemporal curvature, view-invariant action i
view-invariant dynamic time warping, view-invariant measure

19

Programming structures for adaptive ambient systems
Paddy Nixon, Feng Wang, Sotirios Terzis
September 2003 **ISICT '03:** Proceedings of the 1st international symposium on Informatio
communication technologies
Publisher: Trinity College Dublin
Full text available: Pdf (316.34 KB)   Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 2,   Downloads (12 Months): 7,   Citation Count: 0

Schimdt observes that programming language design is about identifying the appropri:
for the domain of the application; in essence, capturing the unique features of the dom
paradigm in the language. In the area of Ambient (or Ubiquitous) ...

20 Review of "Robustness in language and speech technology" by Jean-Claude Junc
Gertjan van Noord. Kluwer Academic Publishers 2001.
John Carroll
December 2001 **Computational Linguistics** , Volume 27 Issue 4
Publisher: MIT Press
Full text available: Publisher Site , Pdf (155.99 KB) Additional Information: full citation, references

Bibliometrics: Downloads (6 Weeks): 4,   Downloads (12 Months): 24,   Citation Count: 0